

Converting Colors

CIELCh(96, 21.482, 169.013)

Have a look what the booklet for
CIELCh(96, 21.482, 169.013)
contains.

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Color

CIElCh(96, 21.288, 169.262)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFEB
RGB	201, 255, 235
RGB Percent	79%, 100%, 92%
CMY	0.2114, 0.0000, 0.0781
CMYK	0.21, 0.00, 0.08, 0.00
HSL	158°, 100%, 89%
HSV	158°, 21%, 100%
XYZ	74.9053, 90.0078, 92.0874
YIQ	236.5740, -25.7640, -17.6680

Conversions

Conversions Part 2

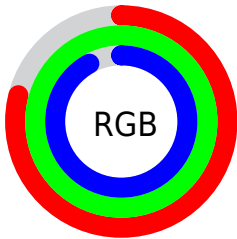
Format	Color
RYB	201, 234, 255
Decimal	13238251
CIELab	96.00, -20.92, 3.97
CIElCh	96, 21.288, 169.262
Yxy	90.0078, 0.2915, 0.3502
Android (android.graphics.Color)	4291428331 (0xFFC9FFEB)
YUV	236.5740, -0.7760, -31.1984
Hunter-Lab	94.8724, -25.0944, 8.8612

Details

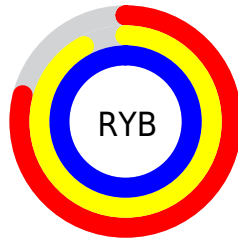
The CIELCh color **96, 21.288, 169.262** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 22.274, 353.452**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 21.314, 169.068** is the 20% darker color. If you saturate the color by 10%, you get **94, 30.909, 168.220**, and if you desaturate by 10%, it is **98, 11.272, 170.359**.

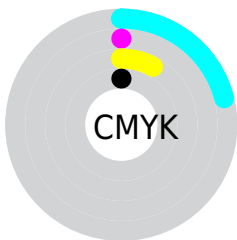
Distribution



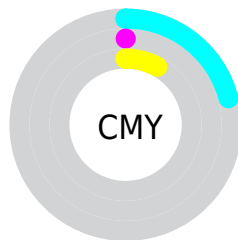
- Red (79%)
- Green (100%)
- Blue (92%)



- Red (79%)
- Yellow (92%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 21.288, 169.262 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 96, 21.288, 169.262 by changing the saturation by 10% instead.


 96, 21.288,
169.262


 96, 21.288,
169.262


 100, 21.288,
169.262


 86, 21.288,
169.262

 76, 21.288,
169.262

 66, 21.288,
169.262

 56, 21.288,
169.262

 46, 21.288,
169.262

 36, 21.288,
169.262

 26, 21.288,

169.262

■ 16, 21.288,
169.262

■ 6, 21.288, 169.262

■ 96, 21.288,
169.262

■ 96, 21.288,
169.262

■ 94, 30.909,
168.220

■ 98, 11.272,
170.359

■ 93, 40.117,
166.996

■ 100, 1.154,
171.708

■ 92, 48.687,
165.632

■ 100, 0.012,
296.813

■ 91, 56.457,
164.103

■ 90, 63.293,
162.382

■ 90, 69.127,
160.451

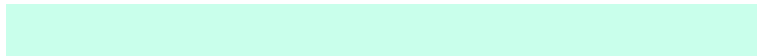
■ 89, 73.975,
158.308

■ 89, 77.610,
156.285

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



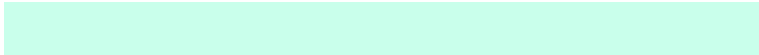
96, 21.288, 169.262



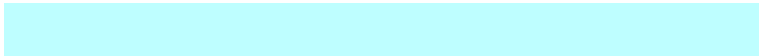
86, 22.274, 353.452

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



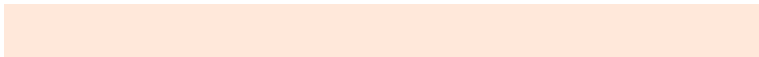
96, 21.288, 169.262



96, 21.288, 219.262



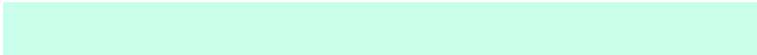
96, 21.288, 349.262



96, 21.288, 39.262

Sweetspot

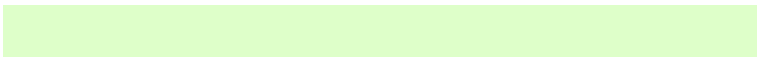
The Sweet Spot groups the original color and five complimentary colors.



96, 21.239, 169.331



99, 6.079, 170.885



97, 30.016, 132.093



53, 4.032, 170.816



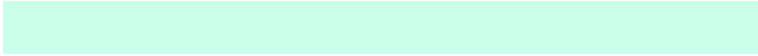
0, 0.000, 0.000



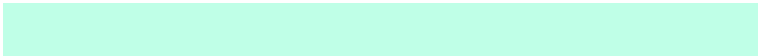
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.239, 169.331



95, 25.013, 168.914



95, 15.921, 210.260



52, 5.755, 170.524



69, 62.032, 156.715



23, 27.030, 159.874

Inverse Universe

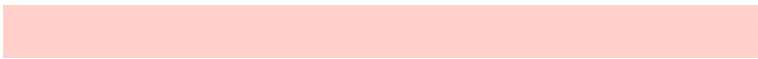
The Inverse Universe completely reimagines the original color for something new.



86, 22.274, 353.452



84, 26.468, 353.917



87, 18.428, 30.853



50, 5.881, 352.174



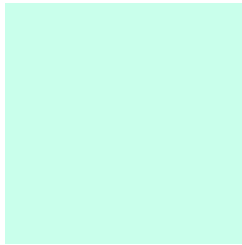
41, 68.813, 14.775



10, 31.285, 7.405

Previews

White Background



This preview shows how the CIE LCh color 96, 21.288, 169.262 looks on a white background.

Color Contrast Check

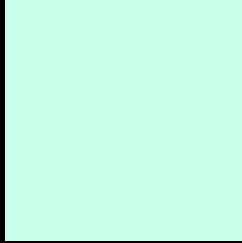
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 21.288, 169.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

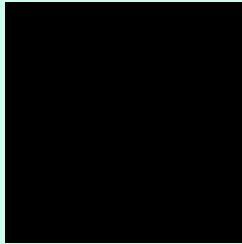
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

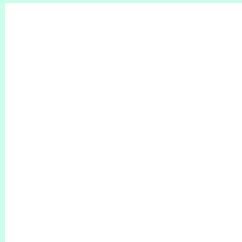
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 21.288, 169.262

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.288, 169.262.

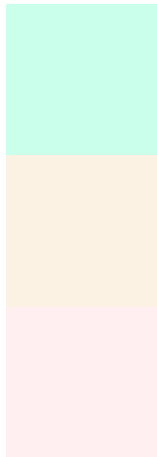


This preview shows how white text looks on a background with the CIELCh color 96, 21.288, 169.262.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

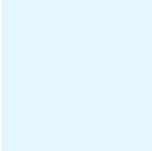
Dichromacy



Original Color
96, 21.288, 169.262

Protanopia
96, 7.843, 84.997

Deuteranopia
96, 5.806, 9.558

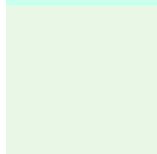


Tritanopia
96, 7.582, 236.737

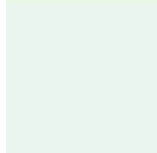
Trichromacy



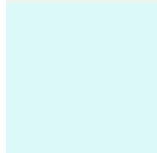
Original Color
96, 21.288, 169.262



Protanomaly
96, 9.623, 140.713



Deuteranomaly
96, 4.698, 158.417



Tritanomaly
96, 10.582, 195.997

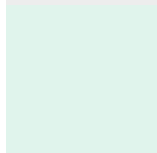
Monochromacy



Original Color
96, 21.288, 169.262



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 8.173, 168.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.288, 169.262 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.288, 169.262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 255, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 255, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.288, 169.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
255, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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